

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT7320541

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	NUNC PRO TUNC ASSIGNMENT
EFFECTIVE DATE:	07/02/2020

CONVEYING PARTY DATA

Name	Execution Date
DAVID A. SWITZER	05/03/2022
IRINA ALEXINA	04/27/2022

RECEIVING PARTY DATA

Name:	ALLIANCE OFS SOLUTIONS LLC
Street Address:	6515 HIGHWAY 105 WEST, SUITE B
City:	CONROE
State/Country:	TEXAS
Postal Code:	77304

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16919232

CORRESPONDENCE DATA

Fax Number: (888)333-9698

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 2813622839

Email: docketing@angeloip.com

Correspondent Name: BASIL M. ANGELO

Address Line 1: 21 WATERWAY AVENUE, SUITE 300

Address Line 4: THE WOODLANDS, TEXAS 77380

ATTORNEY DOCKET NUMBER:	1150-0002-US
NAME OF SUBMITTER:	BASIL M. ANGELO
SIGNATURE:	/Basil M. Angelo/
DATE SIGNED:	05/09/2022

Total Attachments: 6

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WORLDWIDE PATENT ASSIGNMENT

This worldwide patent assignment (hereinafter the “*Assignment*”) has an effective date of July 2, 2020 (hereinafter the “*Effective Date*”), and is made by and between:

- David A. SWITZER, an individual, having a mailing address at C/O Alliance OFS Solutions LLC, 6515 Highway 105 West, Suite B, Conroe, Texas 77304 USA, and
- Irina ALEXINA, an individual, having a mailing address at C/O Alliance OFS Solutions LLC, 6515 Highway 105 West, Suite B, Conroe, Texas 77304 USA (each of which are hereinafter referred to individually as “*Assignor*” and collectively as the “*Assignors*”),

and

- ALLIANCE OFS SOLUTIONS LLC, a Texas limited liability company, having a business address at 6515 Highway 105 West, Suite B, Conroe, Texas 77304 USA (hereinafter the “*Assignee*”).

WHEREAS, each *Assignor* is a joint inventor and a co-owner of an invention that is the subject of United States Patent Application 16/919,232, filed on July 2, 2020, entitled “DOWNHOLE PULSE GENERATION” (hereinafter the “*Patent Application*”) at the time of filing;

WHEREAS, the *Assignors* and *Assignee* wish to enter into this nunc pro tunc (now for then) assignment of the *Patent Application* having effect as of the above-referenced *Effective Date*;

WHEREAS, each *Assignor* has received confidential and proprietary information of the *Assignee* relating to the invention that is the subject of the *Patent Application*;

WHEREAS, each *Assignor* is or was an employee or agent of *Assignee* at the time the invention that is the subject of the *Patent Application* was conceived;

WHEREAS, each *Assignor* is desirous of assigning, transferring, and conveying his or her entire right, title, and interest, without limitation, worldwide, in and to the *Patent Application*, any patent or patents that issue therefrom, and any other patent applications or patents that claim priority to, or claim the benefit of the filing date of, the *Patent Application*, to *Assignee*; and

WHEREAS, *Assignee* is desirous of acquiring the entire right, title, and interest, without limitation, worldwide, in and to the *Patent Application*, any patent or patents that issue therefrom, and any other patent applications or patents that claim priority to, or claim the benefit of the filing date of, the *Patent Application* from each *Assignor*;

NOW, THEREFORE, in consideration of the premises and other good and valuable consideration, the receipt of which is hereby acknowledged, each *Assignor* assigns, transfers, and conveys nunc pro tunc as of the above-referenced *Effective Date*, their entire right, title, and interest, without limitation,

worldwide, in and to the *Patent Application*, any patent or patents that issue therefrom, and any other patent applications or patents that claim priority to, or claim the benefit of the filing date of, the *Patent Application* to *Assignee*, its successors, and assigns for the entire term of the respective patent or patents as the same would be enjoyed by the *Assignor* if this *Assignment* had not been made. For the sake of clarity, each *Assignor* agrees that the entire right, title, and interest, that is assigned, transferred, and conveyed herein shall include the entire right, title, and interest, without limitation, worldwide, in and to any and all subsequently filed non-provisional, divisional, continuation, continuation-in-part, or reissue patent application filed in the United States, foreign patent application filed directly or indirectly in a foreign patent office, foreign patent application filed in a foreign patent office under the Paris Convention, Patent Cooperation Treaty (hereinafter “PCT”) international application, PCT national phase entry patent application, and any other patent application and any patent or patents that issue therefrom that claim priority to, or claim the benefit of the filing date of, the *Patent Application*.

Each *Assignor* assigns, transfers, conveys, and grants his or her entire right, title, and interest, without limitation, worldwide, to sue and recover damages from third-parties for acts of infringement that occurred prior to the date of this *Assignment* to *Assignee*, its successors, and assigns as the same would be enjoyed by *Assignor* if this *Assignment* had not been made.

Each *Assignor* authorizes and requests that the Commissioner of Patents and the USPTO issue any patent resulting from the *Patent Application* to *Assignee*. The entire right, title, and interest conveyed to *Assignee* is to be held and enjoyed by *Assignee*, its successors, and assigns, as fully and exclusively as it would have been held and enjoyed by *Assignor* had this *Assignment* not been made.

Each *Assignor* shall cooperate with *Assignee* in the prosecution and protection of patent rights, domestic or foreign, relating to the *Patent Application*, any patent or patents that issue therefrom, and any other patent applications or patents that claim priority to, or claim the benefit of the filing date of, the *Patent Application*. Each *Assignor* shall execute, verify, acknowledge, and deliver all such further papers, including patent applications, instruments of transfer, instruments of assignment, and perform such other acts as *Assignee* may lawfully request to obtain or maintain the *Patent Application*, any patent or patents that issue therefrom, and any other patent applications or patents that claim priority to, or claim the benefit of the filing date of, the *Patent Application*, in the United States or foreign jurisdictions.

Each *Assignor* represents and warrants that he or she has the authority to enter into this *Assignment* and that the *Assignor* has not and will not do anything to impair the rights conveyed to the *Assignee* by this *Assignment*.

Each *Assignor* knowingly and voluntarily waives any right he or she may have to challenge the adequacy of the consideration and agrees that this *Assignment* shall be binding on the *Assignor* and their heirs, successors, and assigns.

This *Assignment* may be executed in one or more counterparts. Each will be deemed an original and all, taken together, will constitute one and the same instrument.

Each *Assignor* and *Assignee* grant the law firm BASIL ANGELO PC d/b/a ANGELO IP® the right to insert on this *Assignment* below additional identification information relating to the *Patent Application* or a subsequently filed patent application, as may be needed to comply with the rules relating to recordation of this *Assignment* after execution of this *Assignment* by each *Assignor* and *Assignee*.

<i>Patent Application Serial Number:</i>	
<i>Filed On:</i>	

<i>Patent Application Serial Number:</i>	
<i>Filed On:</i>	

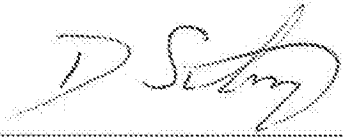
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<i>Patent Application Serial Number:</i>	
<i>Filed On:</i>	

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IN WITNESS WHEREOF, intending to be legally bound, this *Assignment* has been executed by the following *Assignor* on this 03 day of May, 2022.



David A. SWITZER

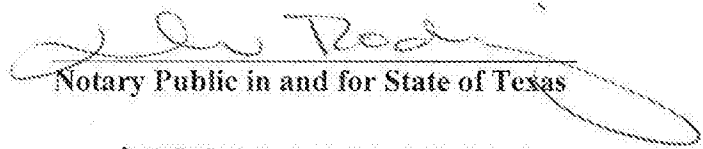
THE STATE OF TEXAS

COUNTY OF Harris

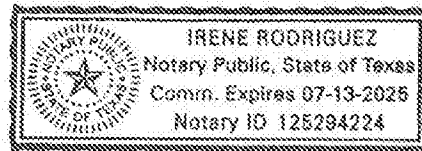
§
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BEFORE ME, the undersigned Notary Public, on this day personally appeared the above-named *Assignor*, who proved to me, on the basis of satisfactory evidence, to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same. WITNESS my hand and official seal on the date set forth below.

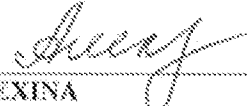
GIVEN UNDER MY HAND and seal of office this 3 day of May, 2022.



Notary Public in and for State of Texas



IN WITNESS WHEREOF, intending to be legally bound, this *Assignment* has been executed by the following *Assignor* on this 27 day of April, 2022.



Irina ALEXINA

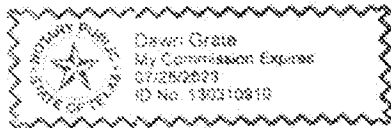
THE STATE OF TEXAS

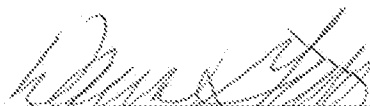
COUNTY OF Montgomery

§
§
§

BEFORE ME, the undersigned Notary Public, on this day personally appeared the above-named *Assignor*, who proved to me, on the basis of satisfactory evidence, to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same. WITNESS my hand and official seal on the date set forth below:

GIVEN UNDER MY HAND and seal of office this 27th day of April, 2022.





Notary Public in and for State of Texas

IN WITNESS WHEREOF, intending to be legally bound, this *Assignment* has been executed by the following duly authorized representative of the *Assignee* on this 03 day of May, 2022.

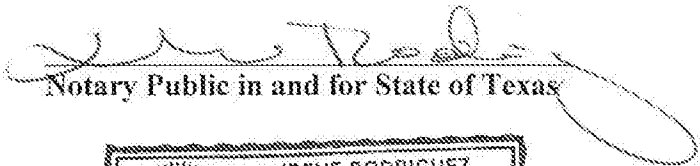

David A. SWITZER
Chief Technology Officer
Alliance OFS Solutions LLC

THE STATE OF TEXAS
COUNTY OF Harris

§
§
§

BEFORE ME, the undersigned Notary Public, on this day personally appeared the above-noted representative of the *Assignee*, who proved to me, on the basis of satisfactory evidence, to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same. WITNESS my hand and official seal on the date set forth below.

GIVEN UNDER MY HAND and seal of office this 3 day of May, 2022.


Notary Public in and for State of Texas

